



# Hillcrest Heights Residential Roads Sewer Rehabilitation Project No. CI/CR/LL/LR70477B2I

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# Project Team

- Wayne Morris, Design Project Manager  
Phone: 301-206-8536, Email: [Wayne.Morris@wsscwater.com](mailto:Wayne.Morris@wsscwater.com)
- Daniel Hamilton, Construction Manager  
Phone: 301-206-7316, Email: [Dan.Hamilton@wsscwater.com](mailto:Dan.Hamilton@wsscwater.com)
- Stephen Billingsley, Customer Advocate  
Phone: 240-444-5803, Email: [Stephen.Billingsley@wsscwater.com](mailto:Stephen.Billingsley@wsscwater.com)
- Remington & Vernick Engineers, Engineering Design Consultants



# Sewer Rehabilitation Program Overview

- Replace and repair our aging pipes as part of our comprehensive sewer rehabilitation program.
- Provide for correcting structural deficiencies in sewer mains that may result from soil settlement, root penetration, or corrosion, and often contribute to sewage overflows and backups into homes.
- The completed projects will extend the life of the sewer pipes by at least 50 years.



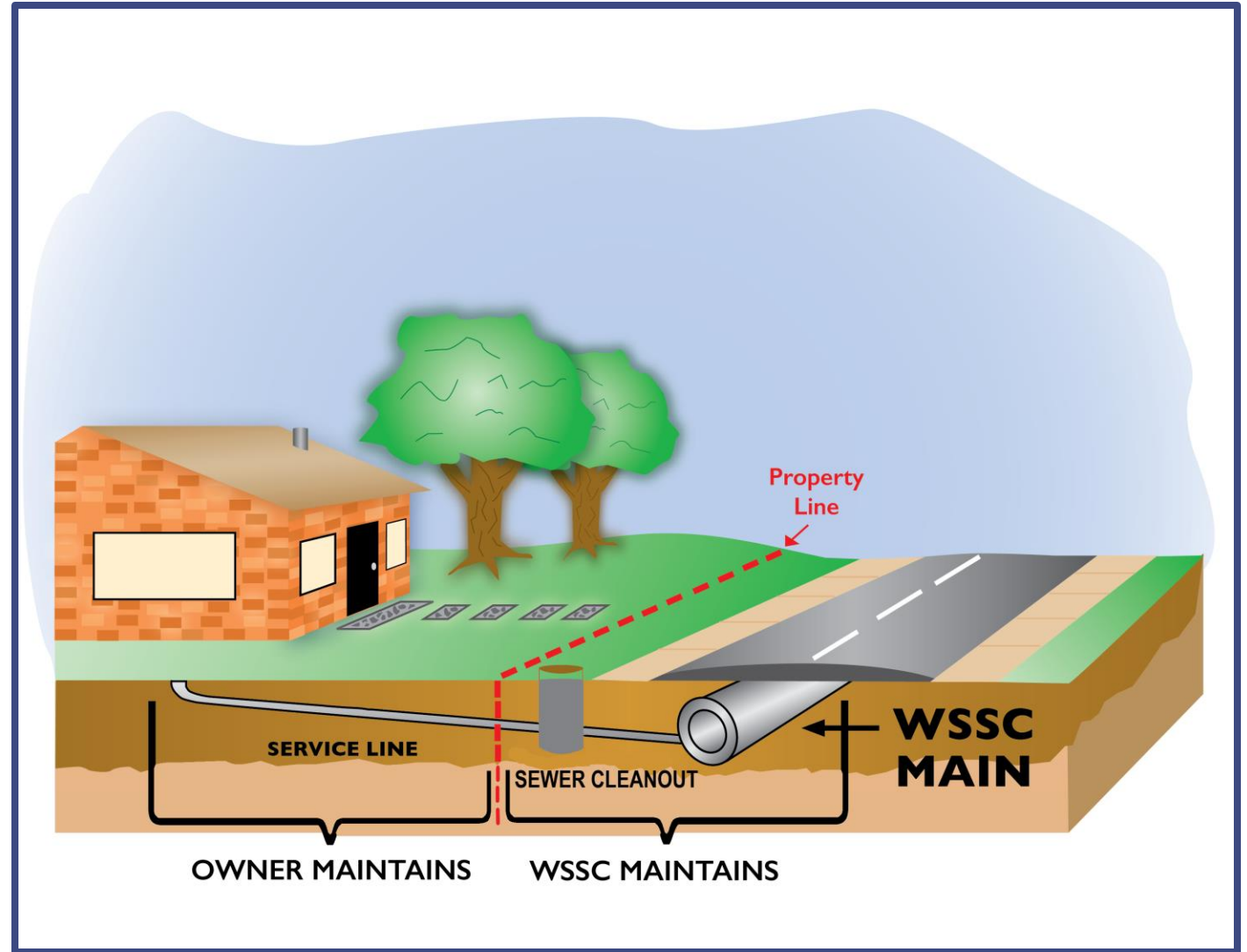
# Project Overview

- Sewer pipes and manholes will be rehabilitated using primarily Trenchless methods.
- Pipes and manholes that are in very poor condition will require excavation to replace or repair them.
- Approximately **4.18** miles of sewer pipes will be rehabilitated or replaced;
- Approximately **171** manholes will be rehabilitated or replaced.
- Sewer house service connections (up to property lines) will be replaced and reconnected where sewer pipes are replaced.
- WSSC Water will restore areas affected by construction.



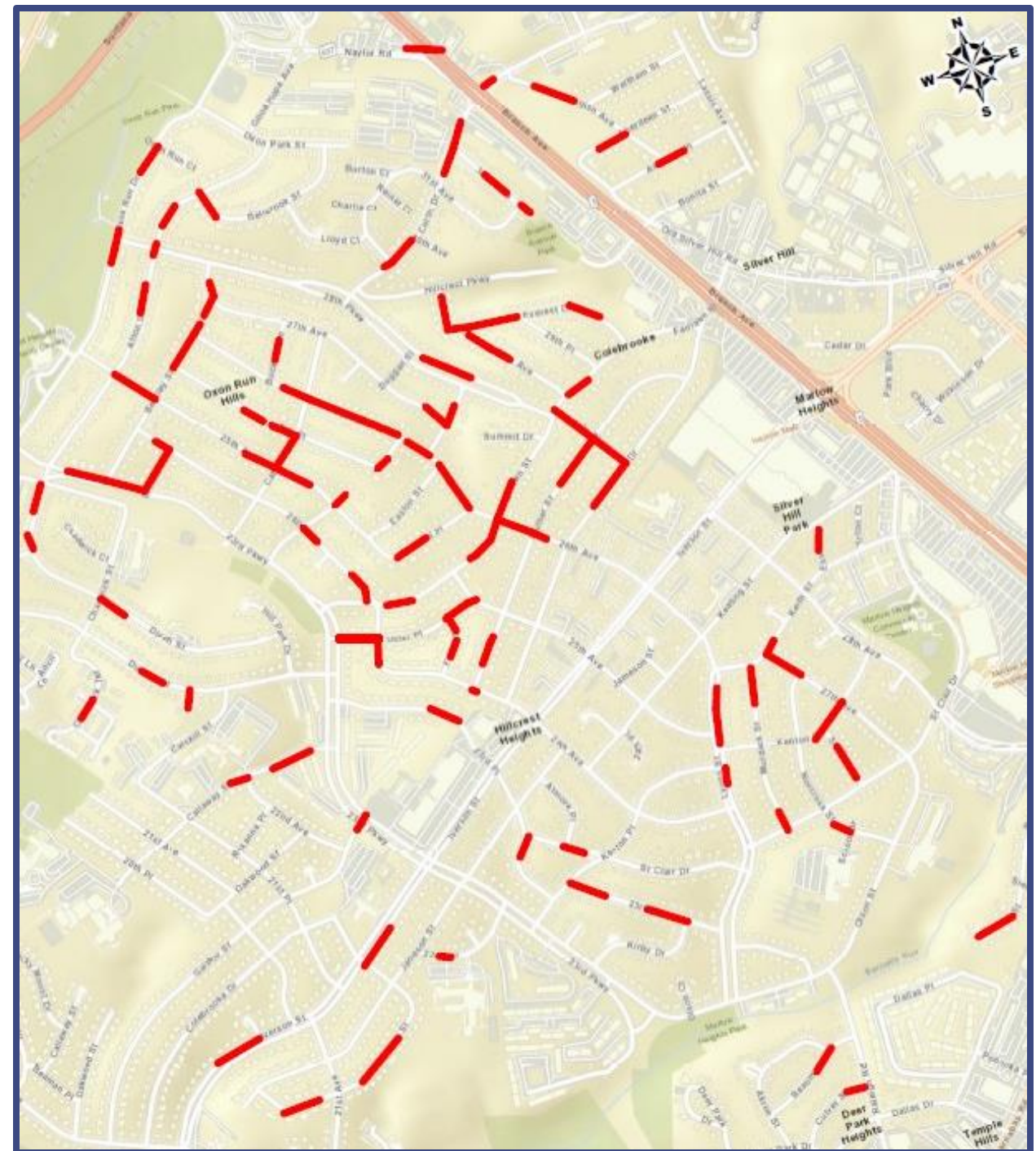
# Project Overview

- New sewer mains will be installed and rehabbed within the roadways
- New house connections (sewer service lines) will be installed up-to the property line as well as cleanouts
- WSSC Water coordinates with local and state agencies, as well as other utilities for all planned work to avoid potential conflict and minimize disturbances to neighborhoods.





# Overall Project Map





# North Project Area

## Directly Impacted Streets

Dixon Street	23rd Parkway
Chadwick Terrace	24th Avenue
Afton Street	25th Avenue
Bristol Place	Curtis Drive
Berkley Street	32nd Avenue
Oxon Run Drive	Buckner Lane
Bellbrook Street	Andover Place
Branch Avenue	
Aberdeen Street	
Scottish Avenue	



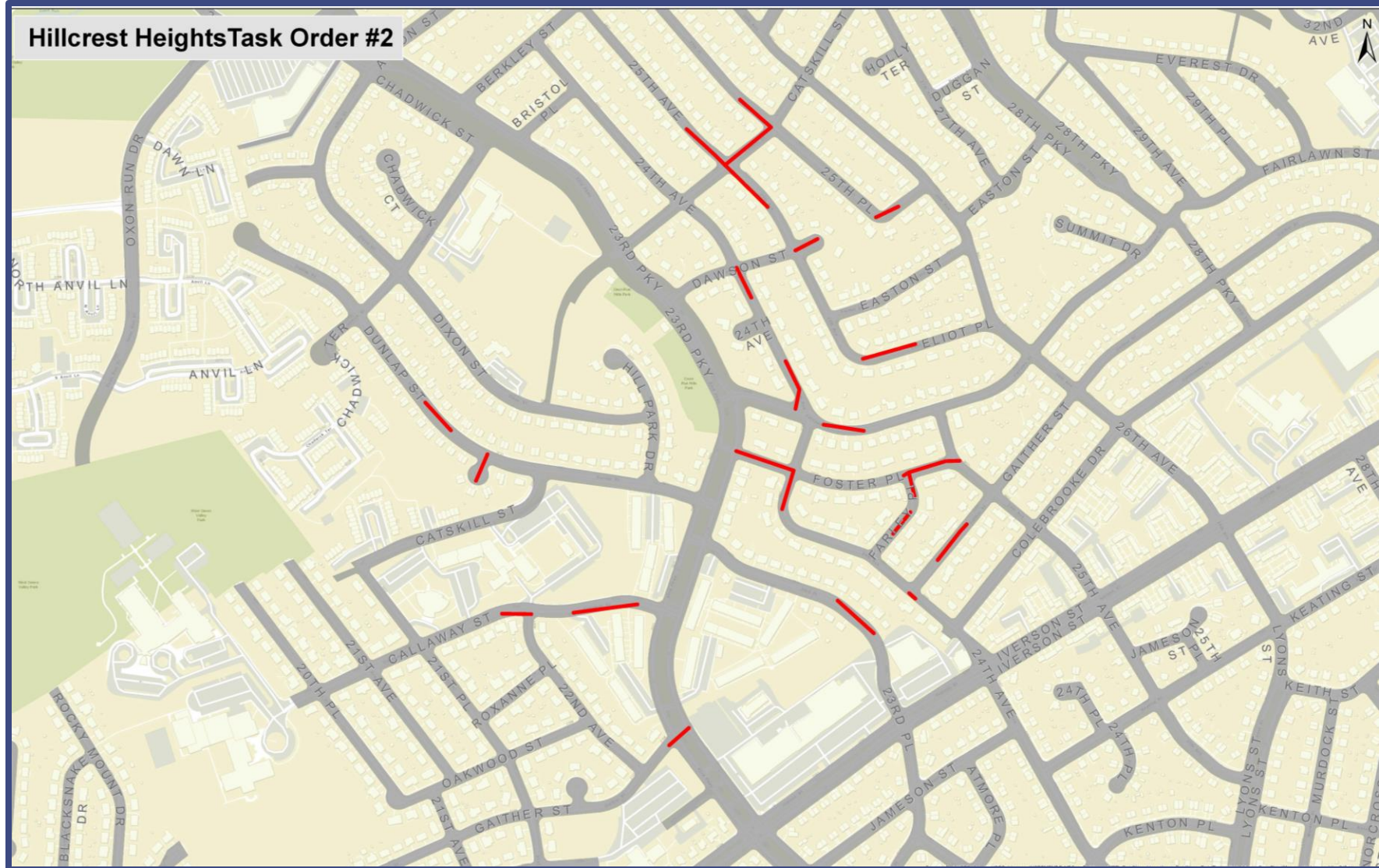


# Southwest Project Area

## Directly Impacted Streets

Dunlap Street  
Dawson Street  
25th Place  
Fairlawn Street  
23rd Place  
23rd Parkway  
24th Avenue  
25th Avenue  
25th Place  
Eliot Place  
Foster Place  
Farley Place  
Gaither Street  
Callaway Street  
Catskill Street

Hillcrest Heights Task Order #2





# Northwest Project Area

### Directly Impacted Streets

## 26th Avenue

# 27th Avenue

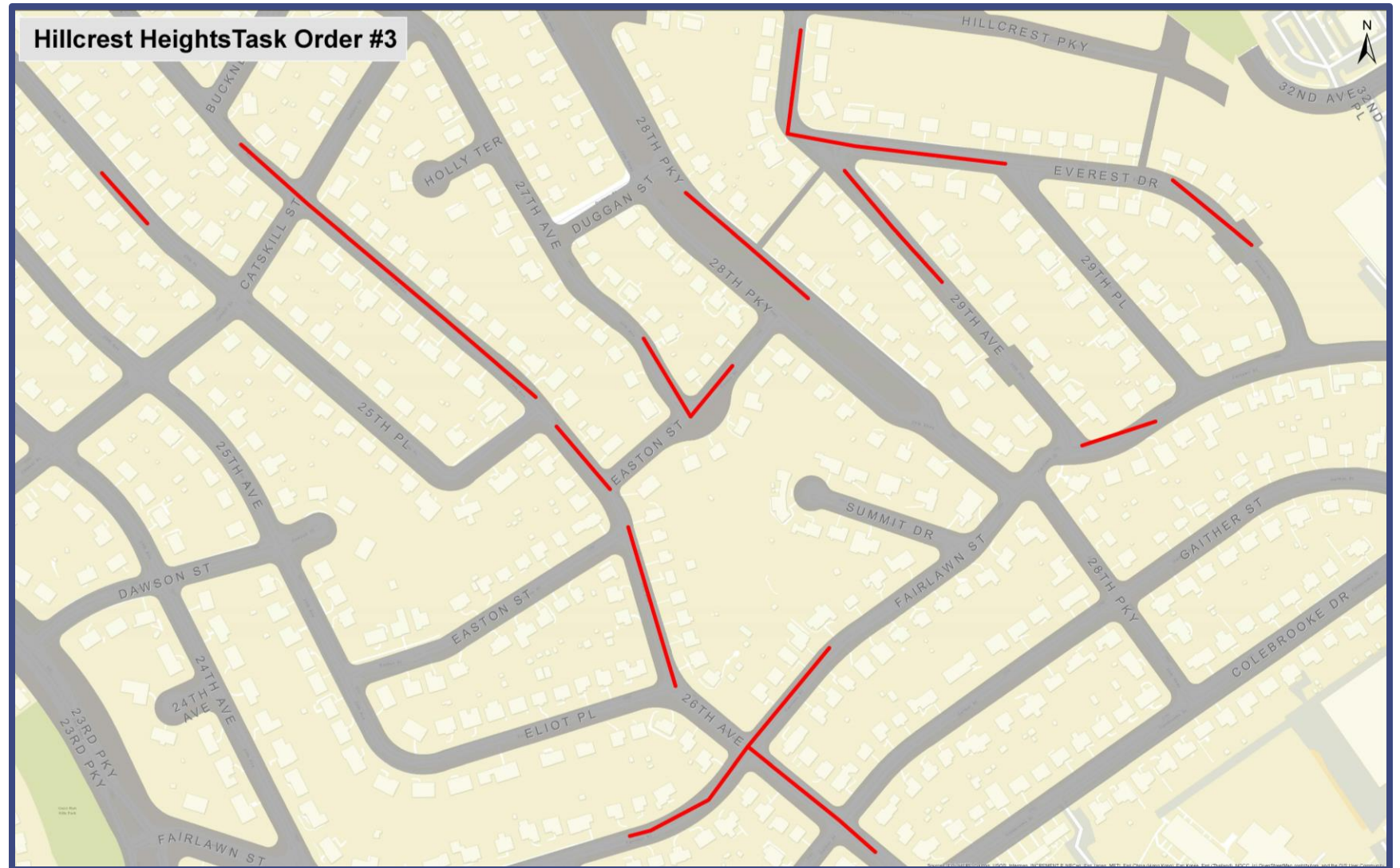
## 28th Parkway

# 29th Avenue

# Easton Street

# Everest Drive

# Fairlawn Street

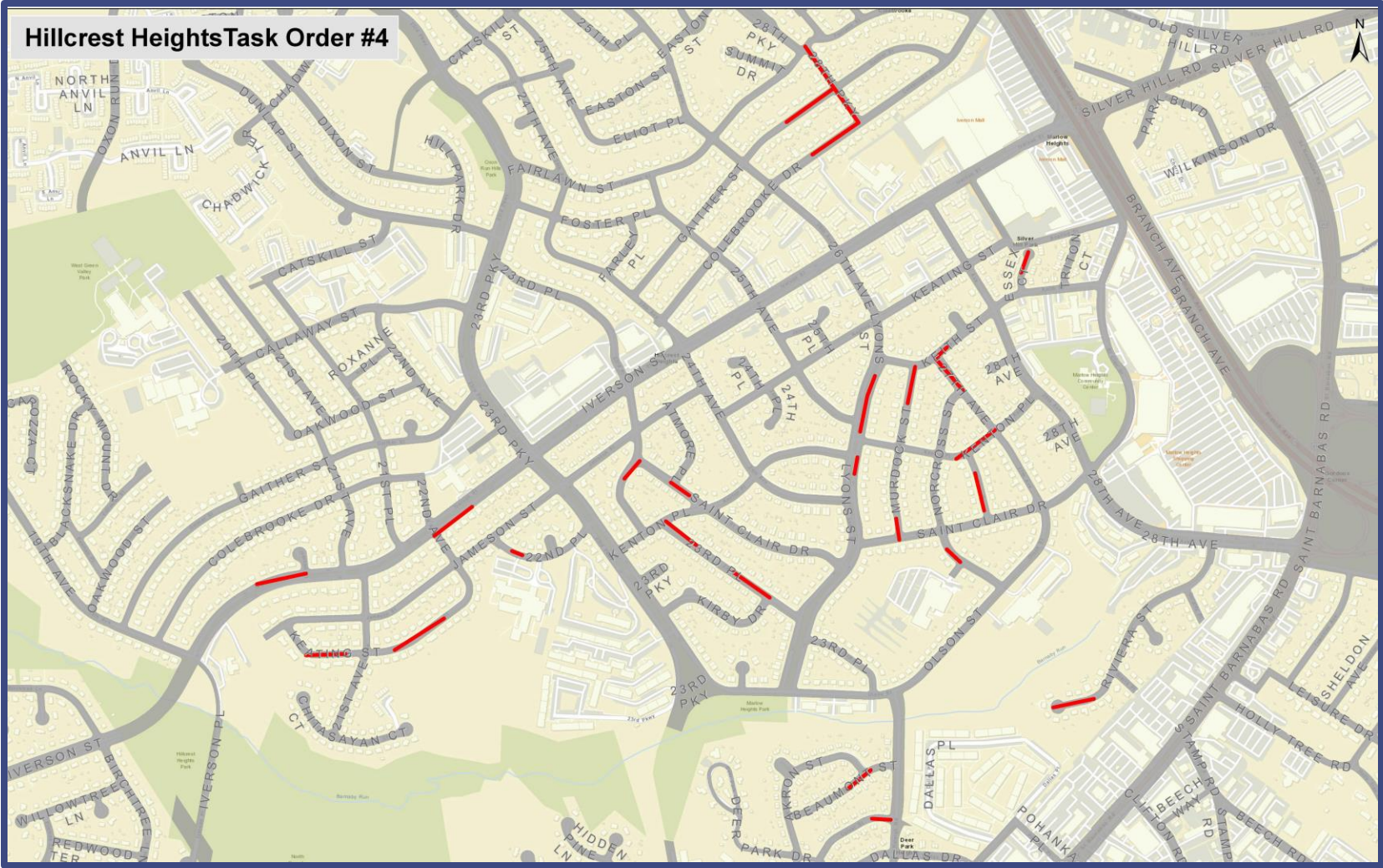




# South Project Area

## Directly Impacted Streets

- |                   |                   |
|-------------------|-------------------|
| Beaumont Street   | 22nd Place        |
| Colebrook Drive   | 23rd Place        |
| Culver Street     | 27th Avenue       |
| Riviera Street    | 28th Parkway      |
| Essex Court       | Gaither Street    |
| Lyons Street      | Keith Street      |
| Gaither Street    | Saint Clair Drive |
| Murdock Street    | Saint Clair Place |
| Norcross Street   | Iverson Street    |
| Kenton Place      |                   |
| Keating Street    |                   |
| Saint Clair Drive |                   |





# Sewer Repairs Types: Trenchless Technology





# Sewer Repairs Types: Open Trench





# Sewer Repairs Types: Manhole Rehabilitation





# Estimated Construction Schedule

Expected Construction Start Date: Summer 2022

Estimated Construction Duration: 12 months

Expected Construction Finish Date: August 2023 (Weather Permitting)





# What to Expect During Construction

- Anticipated Work Hours: Monday-Friday, 9:00 a.m. – 3:30 p.m.
  - Work may occasionally extend beyond these hours to complete specific tasks.
- Construction activities may include:
  - Field reviews and inspections
  - Survey crews
  - Test pits
  - Construction crews and heavy machinery
- Reliable water and sewer service will be maintained during construction





# What to Expect During Construction

- Street parking will be limited on streets with active construction.
  - 48-hours advanced notification will be provided.
  - NO PARKING signs will be posted.
  - All roads will remain accessible at all times during construction.  
However, certain activities may require temporary closures and delays.
- Tree removal, only when necessary, pruning and/or stump removal.
  - New trees will be planted where trees needed to be removed
  - Trees on private property will not be removed



# Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
  - Traffic will be managed to minimize community disruptions
- Access will be maintained to homes during construction
  - Access into homes is **NOT** required
  - Access onto private property is generally **NOT** required
- Parking restrictions
  - WSSC Water will provide 48-hour advance (denoted by “No Parking” signs) notice prior to any parking restrictions
  - Any vehicles that have not been removed from the designated area will be towed to a nearby street at no cost to the owner.
- Final restoration of sidewalks, roadways and landscaping will take place within 90 days of construction completion.





# Project Summary

- WSSC Water will be rehabilitating pipes, manholes, and some laterals.
  - Lateral work will not extend past the property line.
- WSSC Water is committed to minimizing the impact of construction.
- WSSC Water will restore all areas impacted by construction activities at the end of the project.
- We understand the inconvenience these types of projects can cause and appreciate your patience as we work to provide safe, seamless and satisfying water and sewer services, for our customers every day.
- Sign-up at [www.wsscwater.com/CNS](http://www.wsscwater.com/CNS), to receive emails and/or text alerts so you can keep updated on work in your neighborhood.



# QUESTIONS?

